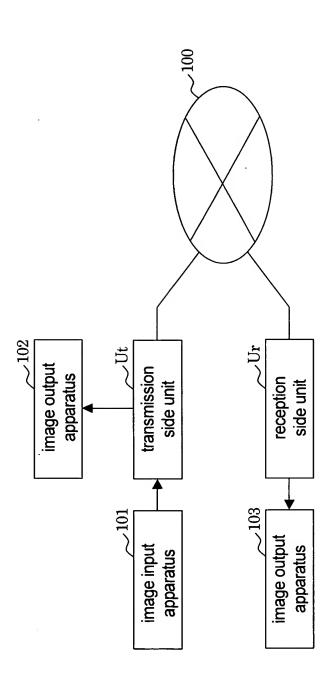
[Fig.1]

etc. NEW SHEET

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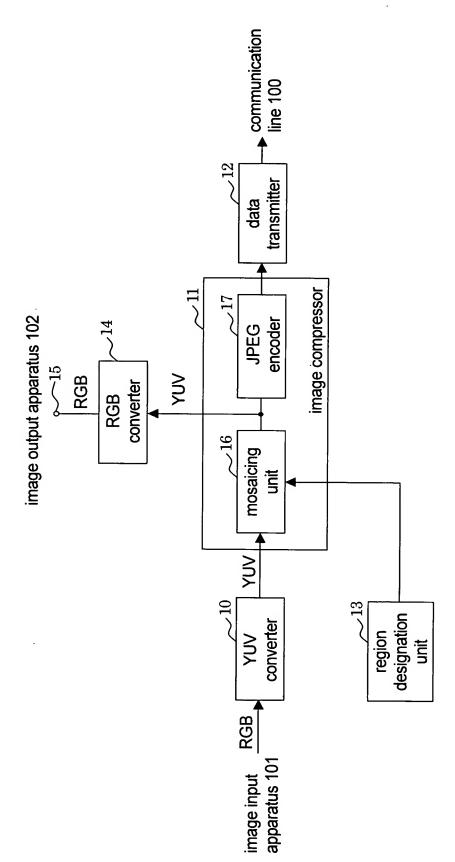


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transmission side unit Ut

[Fig.2]



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[Fig.3]

etc. NEW SHEET

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reception side unit Ur

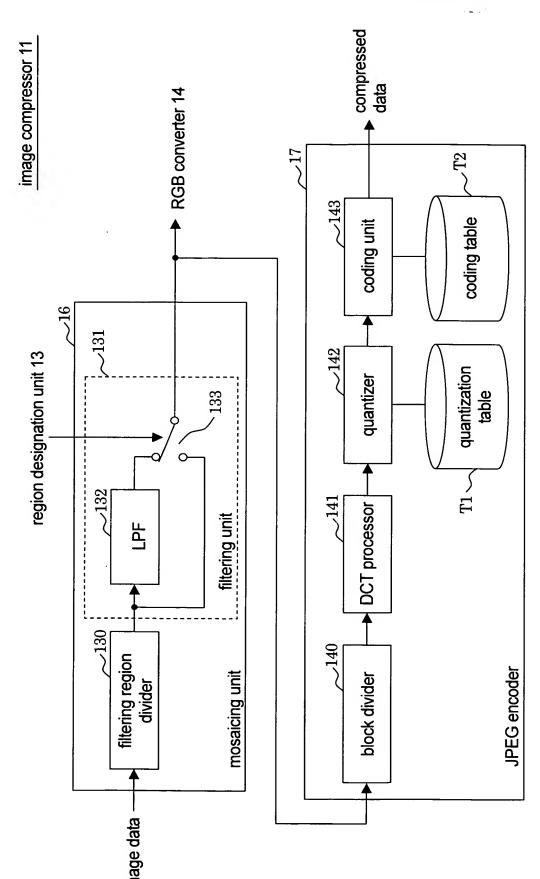


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[Fig.4]

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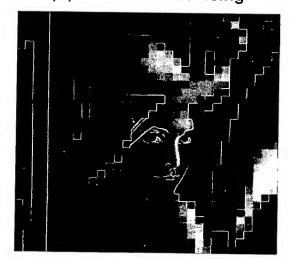
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[Fig.5]

(a) before the mosaicing



(b) after the mosaicing



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[Fig.6]

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.

quantization table

→ horizontal frequency

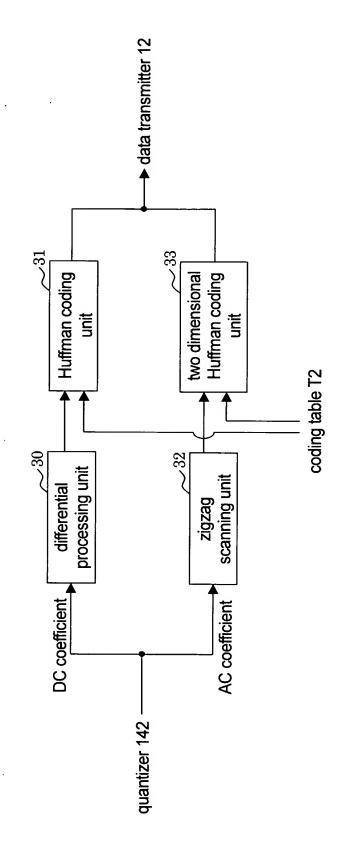
	16	11	10	16	24	40	51	60
	12	12	14	19	26	58	60	55
	14	13	16	24	40	57	69	56
	14	17	22	29	50	87	80	62
\bigvee	18	22	37	59	68	109	103	78
j S	24	35	55	64	81	104	113	92
requency	49	64	78	87	103	121	119	101
<u>ख</u>	72	92	95	98	112	100	103	99
\simeq								

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coding unit 143

[Fig.7]



etc.

[Fig.8]

NEW SHEET

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two dimensional Huffman code table (for AC coefficient)

SSSS	0	1	2	:	10
	1010(EOB)	00	01	:	111111110000011
		1100	11011	E	1111111110001000
	none	11100	1111001	:	111111111100011110
		:	:	:	:
	11111111001(ZRL)	1111111111110101	1111111001(ZRL) 111111111111111111111111111111111111	:	111111111111110

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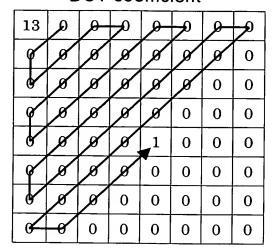
etc. NEW SHEET

[Fig.9]

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(a)

DCT coefficient

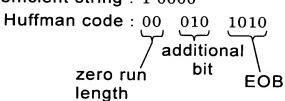


(b)

DCT coefficient

13	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

AC coefficient string: 1 0000···



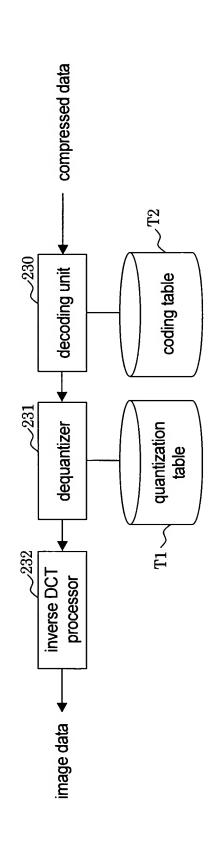
[Fig.10]

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. . . . -

image expander 21 (JPEG decoder)



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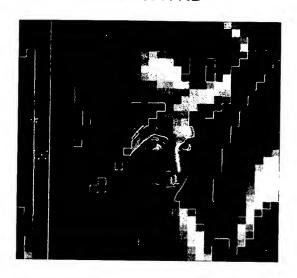
[Fig.11] N

NEW SHEET

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(a) first embodimentmosaicing unimportant regions(8 X 8 pixels)

data amount: 3.47KB



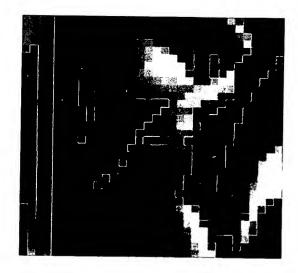
(b) comparison example 1 mosaicing the entire image(4 X 4 pixels)

data amount: 9.00KB



(c) comparison example 2 mosaicing the entire image (8 X 8 pixels)

data amount: 2.54KB



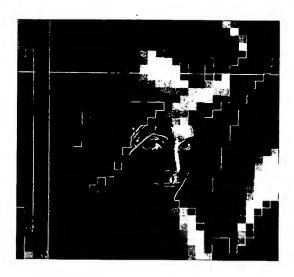
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Inventor: Toshio MOROHASHI
Title: IMAGE COMPRESSION METHOD, IMAGE Docket No.: 5090-0103PUS1

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[Fig.12]

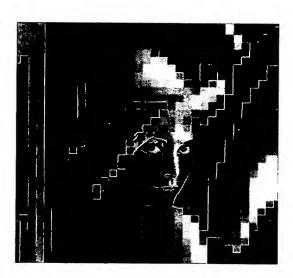
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(a) first embodiment mosaicing unimportant regions (8 X 8 pixels)

data amount: 3.47KB



(b) comparison example in the case having been shifted by pixels between the filtering region and the JPEG block

data amount: 11.0KB

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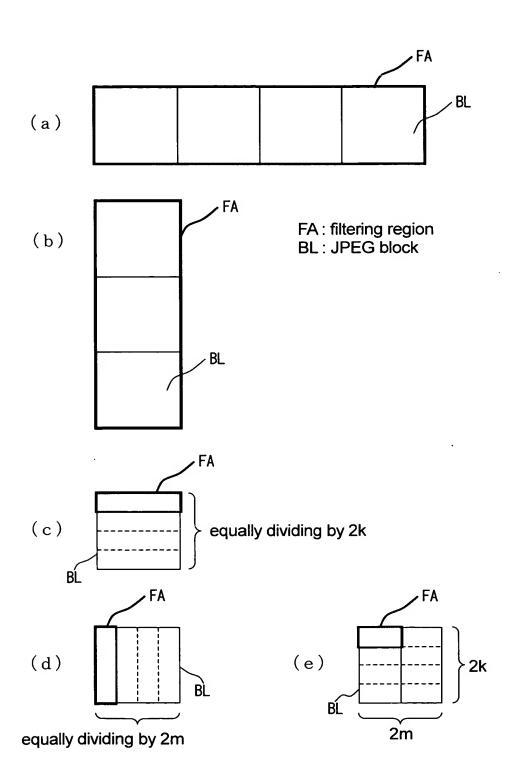
Inventor: Toshio MOROHASHI

Title: IMAGE COMPRESSION METHOD, IMAGE

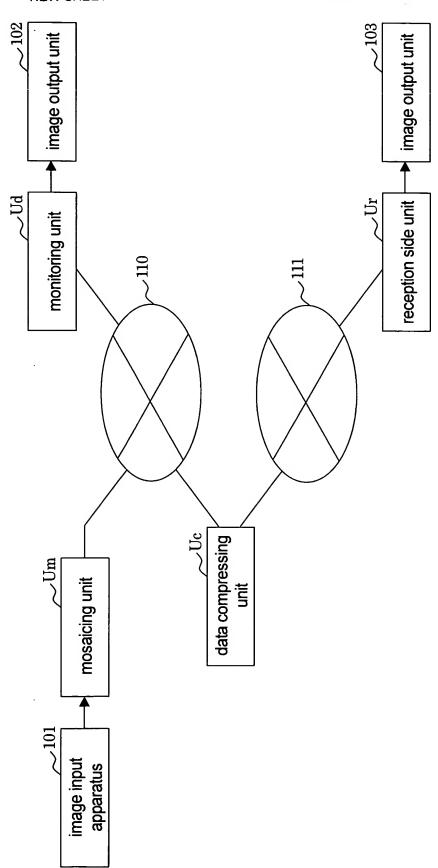
COMPRESSION DEVICE, IMAGE TRANSMISSION SYSTEM,

[Fig.13] etc

etc.
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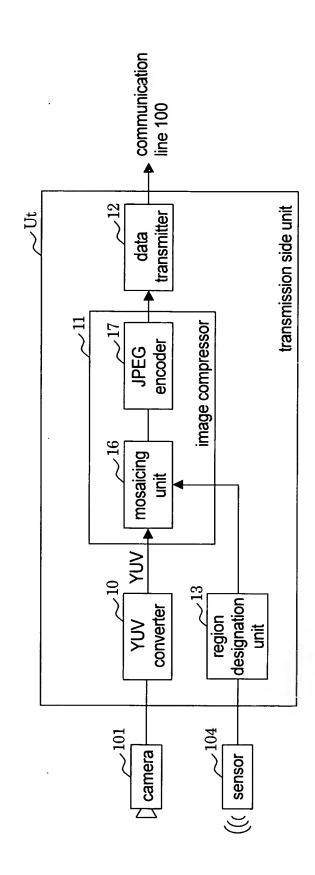
[Fig.14] Sheet 14 of 18 **NEW SHEET**



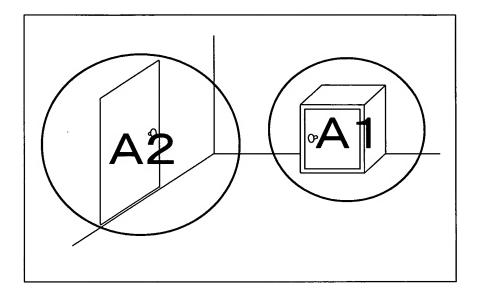
App No.: NEW Docket No.: 5090-0103PUS1
Inventor: Toshio MOROHASHI
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[Fig.15]

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[Fig.16] Sheet 16 of 18; **NEW SHEET**



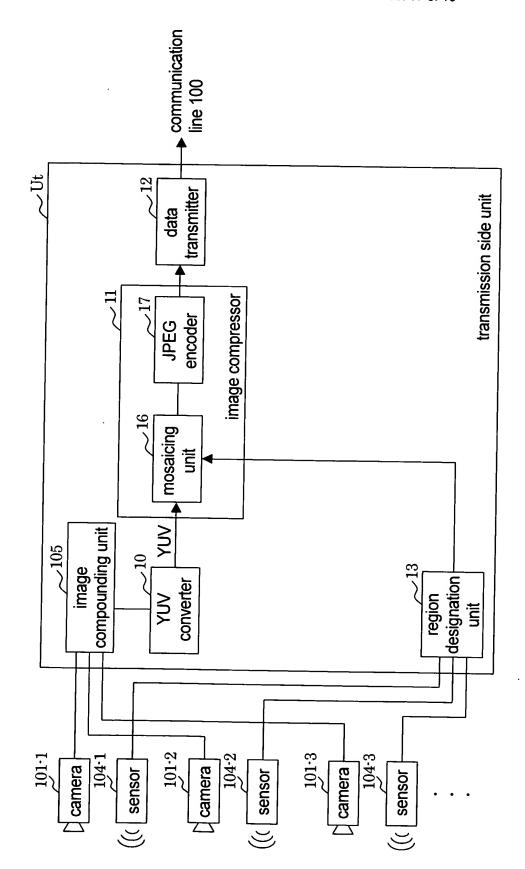
App No.: NEW Docket No.: 5
Inventor: Toshio MOROHASHI
Title: IMAGE COMPRESSION METHOD, IMAGE Docket No.: 5090-0103PUS1

COMPRESSION DEVICE, IMAGE TRANSMISSION SYSTEM,

[Fig.17]

etc. NEW SHEET

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[Fig.18]

etc. NEW SHEET

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